

## Dairy Products

Washington, D.C.

Released February 4, 2003, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Dairy Products" call Kevin Pautler at (202) 720-9168, office hours 6:45 a.m. to 3:30 p.m. ET.

#### **December 2002 Highlights**

**Total cheese** output (excluding cottage cheese) was 732 million pounds, 4.0 percent above December 2001 and 2.6 percent above November 2002.

**American type cheese** production totaled 312 million pounds, slightly below December 2001 but 7.0 percent above November 2002.

**Butter** production was 127 million pounds in December, 3.2 percent above December 2001 and 21.8 percent above November 2002.

Frozen dessert: (comparisons with December 2001)

Ice cream, Regular (hard) --- 58.3 million gallons, up 6.9 percent.

Ice cream, Lowfat (total) --- 24.1 million gallons, down 6.2 percent.

Ice cream, Nonfat (hard) --- 1.15 million gallons, down 4.2 percent.

Sherbet (hard) --- 3.39 million gallons, up 18.2 percent.

Frozen Yogurt (total) --- 5.11 million gallons, up 11.1 percent.

Nonfat dry milk for human food: (compared with December 2001) --- 127 million pounds, down 2.5 percent.

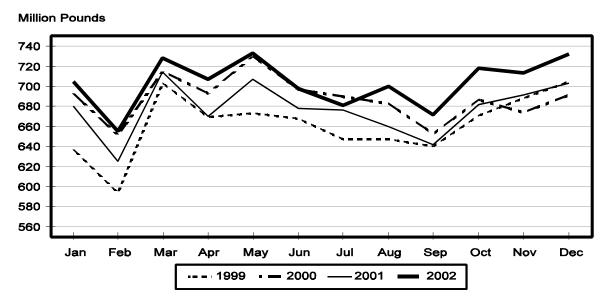
**Dry whey products:** (comparisons with December 2001)

Dry whey, human --- 90.4 million pounds, up 5.6 percent.

Dry whey, animal --- 6.53 million pounds, up 22.7 percent.

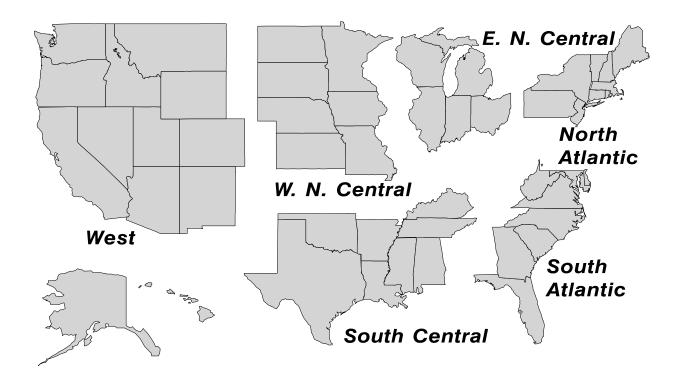
Dry whey, total --- 97.0 million pounds, up 6.6 percent.

## Total Cheese Production United States



### U. S. Geographic Regions Dairy Products

State totals are not published when fewer than 3 firms have reported or one firm comprises more than 60 percent of the State total. If we are not able to publish a region for confidentiality reasons, it will be combined with other regions when possible. For example, if North Atlantic can not be published, then it will be combined with South Atlantic to publish Atlantic. The West North Central and East North Central will be combined, if necessary, to form North Central. In the event that neither could be published, they may be combined with South Central to publish Central. Some tables will have only limited regions shown, therefore the regions may not add to the United States total.



## Dairy Products: Production by Product, United States, December, 2001-2002

	Dec	Nov	Dec	Change	From
Product	2001	2002 1	2002	Dec 2001	Nov 2002
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
Butter	123,025	104,221	126,987	3.2	21.8
Cheese	,	,	,		
American Types <sup>2</sup>	312,229	291,765	312,077		7.0
Cheddar	239,698	218,024	236,513	-1.3	8.5
Swiss	20,151	21,749	22,634	12.3	4.1
Brick and Muenster	7,749	7,348	7,624	-1.6	3.8
Cream and Neufchatel	47,077	71,432	56,288	19.6	-21.2
Hispanic	8,024	9,744	9,599	19.6	-1.5
Mozzarella	230,443	232,030	244,162	6.0	5.2
Other Italian Types	60,073	62,731	62,938	4.8	0.3
Total Italian Types	290,516	294,761	307,100	5.7	4.2
All Other Types	17,344	16,089	16,200	-6.6	0.7
Total	703,090	712,888	731,522	4.0	2.6
Cottage Cheese, Curd <sup>3</sup>	33,451	32,963	33,780	1.0	2.5
Cottage Cheese, Cream <sup>4</sup>	27,512	27,270	27,993	1.7	2.7
Cottage Cheese, Lowfat <sup>5</sup>	26,825	27,202	28,240	5.3	3.8
Canned Evaporated and	_==,===	,			
Condensed Whole Milk	35,784	45,252	36,607	2.3	-19.1
Dry Whole Milk	2,945	3,433	3,843	30.5	11.9
Nonfat Dry Milk, Human	130,805	96,075	127,491	-2.5	32.7
Dry Skim Milk, Animal	467	332	382	-18.2	15.1
Dry Buttermilk	6,003	3,690	5,070	-15.5	37.4
Yogurt, Plain & Flavored	159,358	148,622	158,927	-0.3	6.9
1 ogurt, 1 min & 1 m vored	1,000 Gallons	1,000 Gallons	1,000 Gallons	Percent	Percent
Frozen Products	,	,	,		
Ice Cream, Hard	54,548	59,152	58,314	6.9	-1.4
Ice Cream, Lowfat, Hard	6,537	6,012	6,719	2.8	11.8
Ice Cream, Lowfat, Soft	19,127	15,894	17,363	-9.2	9.2
Ice Cream, Lowfat, Total	25,664	21,906	24,082	-6.2	9.2
Ice Cream, Nonfat, Hard	1,204	1,479	1,153	-4.2	-22.0
Sherbet, Hard	2,870	3,062	3,391	18.2	10.7
Water and Juice Ices	3,199	3,035	3,131	-2.1	3.2
Frozen Yogurt, Total	4,597	5,530	5,105	11.1	-7.7
Regular & Lowfat, Hard	1,619	1,764	1,383	-14.6	-21.6
Nonfat, Hard Other Frozen Dairy	773	964	784	1.4	-18.7
Products	533	507	582	9.2	14.8
Troducts	333	307	302	7.2	17.0
Mix for Frozen Products					
Ice Cream Mix	32,576	37,530	38,455	18.0	2.5
Ice Cream, Lowfat, Mix	13,645	12,144	13,346	-2.2	9.9
Ice Cream, Nonfat, Mix	782	939	681	-12.9	-27.5
Sherbet Mix	2,027	2,346	2,437	20.2	3.9
Yogurt Mix	2,511	3,253	3,003	19.6	-7.7
1 Payisad	2,811	2,200	2,005	27.0	

Revised.
 Includes Cheddar, Colby, Monterey, and Jack.
 Mostly used for processing into cream or lowfat cottage cheese.
 Fat content 4 percent or more.
 Fat content less than 4 percent.

## Whey and Modified Whey Products: Production, Stocks, and Prices, United States, December, 2001-2002

	and Frices, United States, December,				e From
Product	Dec 2001	Nov 2002 <sup>1</sup>	Dec 2002	Dec 2001	Nov 2002
		]	Production		
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
Condensed Whey, Solids Content <sup>2</sup>					
Sweet-Type, Human	5,795	6,194	8,277	42.8	33.6
Sweet-Type, Animal <sup>3</sup>	1,291				
Dry Whey Products					
Dry Whey, Human	85,632	85,953	90,435	5.6	5.2
Dry Whey, Animal	5,323	5,646	6,530	22.7	15.7
Dry Whey, Total	90,955	91,599	96,965	6.6	5.9
Reduced Lactose and Minerals					
Human Food	7,046	3,560	3,981	-43.5	11.8
Animal Feed	3,204	3,199	3,552	10.9	11.0
Lactose, Human and Animal Whey	46,944	47,845	50,206	6.9	4.9
Solids in Wet Blends, Animal	3,373	3,877	3,261	-3.3	-15.9
Protein Concentrate, Human	23,941	26,062	28,444	18.8	9.1
Protein Concentrate, Animal	3,779	3,146	3,264	-13.6	3.8
		Manufacturers	' Stocks End-o	f-Month 4	
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
Dry Whey Products					
Dry Whey, Human	37,679	36,631	40,837	8.4	11.5
Dry Whey, Animal	1,937	3,126	2,479	28.0	-20.7
Reduced Lactose and Minerals					
Human and Animal <sup>5</sup>	7,733	9,109	10,043	29.9	10.3
Lactose, Human and Animal	31,054	39,279	45,627	46.9	16.2
Whey Protein Concentrate, Human	18,539	21,398	21,574	16.4	0.8
Whey Protein Concentrate, Animal	929	1,426	1,412	52.0	-1.0
		Manufacti	urers' Selling P	rice 6	
	Cents per Pound	Cents per Pound	Cents per Pound	Cents Change	Cents Change
Dry Whey, Animal	27.6	21.5	16.6	-11.0	-4.9

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> Final marketable product only. Does not include quantity used or shipped to another plant for further processing into dry whey or modified whey products.

<sup>&</sup>lt;sup>3</sup> Not shown when fewer than three plants reported or individual plant operations could be disclosed

<sup>&</sup>lt;sup>4</sup> Stocks held by manufacturers at all points and in transit.

<sup>&</sup>lt;sup>5</sup> Reduced lactose and minerals stocks combined to avoid disclosure of individual operations.

<sup>&</sup>lt;sup>6</sup> Prices for bulk goods, f.o.b. plant. Average monthly prices reported by firms.

## Dairy Products: Production by Product and Month, United States, 2001-2002 $^{\rm 1}$

Product		By Month			Cumulative	
and Month	2001	2002	Change From 2001	2001	2002	Change From 2001
	1,000 Pounds	1,000 Pounds	Percent	1,000 Pounds	1,000 Pounds	Percent
Total Cheese 3						
Jan	680,299	705,245	3.7	680,299	705,245	3.7
Feb	625,310	654,950	4.7	1,305,609	1,360,195	4.2
Mar	713,722	727,574	1.9	2,019,331	2,087,769	3.4
Apr	670,221	706,962	5.5	2,689,552	2,794,731	3.9
May	706,790	733,204	3.7	3,396,342	3,527,935	3.9
Jun	678,517	697,507	2.8	4,074,859	4,225,442	3.7
Jul	676,018	680,801	0.7	4,750,877	4,906,243	3.3
Aug	660,033	700,163	6.1	5,410,910	5,606,406	3.6
Sep	641,785	671,962	4.7	6,052,695	6,278,368	3.7
Oct	682,080	717,589	5.2	6,734,775	6,995,957	3.9
Nov	691,229	712,888	3.1	7,426,004	7,708,845	3.8
Dec	703,090	731,522	4.0	8,129,094	8,440,367	3.8
American Cheese						
Jan	300,419	315,166	4.9	300,419	315,166	4.9
Feb	270,134	287,383	6.4	570,553	602,549	5.6
Mar	297,097	318,242	7.1	867,650	920,791	6.1
Apr	291,905	316,800	8.5	1,159,555	1,237,591	6.7
May	308,548	326,180	5.7	1,468,103	1,563,771	6.5
Jun	304,618	310,332	1.9	1,772,721	1,874,103	5.7
Jul	293,372	301,248	2.7	2,066,093	2,175,351	5.3
Aug	281,527	305,826	8.6	2,347,620	2,481,177	5.7
Sep	277,046	285,724	3.1	2,624,666	2,766,901	5.4
Oct	295,991	295,418	-0.2	2,920,657	3,062,319	4.9
Nov	286,276	291,765	1.9	3,206,933	3,354,084	4.6
Dec	312,229	312,077		3,519,162	3,666,161	4.2
Cheddar Cheese						
Jan	236,611	246,156	4.0	236,611	246,156	4.0
Feb	211,627	224,971	6.3	448,238	471,127	5.1
Mar	233,113	249,156	6.9	681,351	720,283	5.7
Apr	229,129	249,284	8.8	910,480	969,567	6.5
May	244,614	256,090	4.7	1,155,094	1,225,657	6.1
Jun	239,366	240,492	0.5	1,394,460	1,466,149	5.1
Jul	230,631	228,334	-1.0	1,625,091	1,694,483	4.3
Aug	216,481	227,667	5.2	1,841,572	1,922,150	4.4
Sep	216,267	212,747	-1.6	2,057,839	2,134,897	3.7
Oct	230,948	218,033	-5.6	2,288,787	2,352,930	2.8
Nov	217,992	218,024	•	2,506,779	2,570,954	2.6
Dec	239,698	236,513	-1.3	2,746,477	2,807,467	2.2

See footnote(s) at end of table.

Product		By Month			Cumulative	
and Month	2001	2002	Change From 2001	2001	2002	Change From 2001
	1,000 Pounds	1,000 Pounds	Percent	1,000 Pounds	1,000 Pounds	Percent
Italian Cheese <sup>3</sup>						
Jan	284,866	290,176	1.9	284,866	290,176	1.9
Feb	268,060	273,836	2.2	552,926	564,012	2.0
Mar	302,583	301,373	-0.4	855,509	865,385	1.2
Apr	272,459	285,574	4.8	1,127,968	1,150,959	2.0
May	286,039	299,574	4.7	1,414,007	1,450,533	2.6
Jun	269,665	277,898	3.1	1,683,672	1,728,431	2.7
Jul	275,857	273,538	-0.8	1,959,529	2,001,969	2.2
Aug	266,736	281,382	5.5	2,226,265	2,283,351	2.6
Sep	262,616	274,086	4.4	2,488,881	2,557,437	2.8
Oct	265,763	297,010	11.8	2,754,644	2,854,447	3.6
Nov	283,112	294,761	4.1	3,037,756	3,149,208	3.7
Dec	290,516	307,100	5.7	3,328,272	3,456,308	3.8
Mozzarella <sup>3</sup>						
Jan	226,475	231,799	2.4	226,475	231,799	2.4
Feb	214,507	221,288	3.2	440,982	453,087	2.7
Mar	238,805	242,717	1.6	679,787	695,804	2.4
Apr	215,432	228,145	5.9	895,219	923,949	3.2
May	230,249	242,705	5.4	1,125,468	1,166,654	3.1
Jun	222,013	226,453	2.0	1,347,481	1,393,107	3.4
Jul	224,953	219,089	-2.6	1,572,434	1,612,196	2.5
Aug	211,184	225,620	6.8	1,783,618	1,837,816	3.0
Sep	212,654	222,422	4.6	1,996,272	2,060,238	3.2
Oct	214,476	234,071	9.1	2,210,748	2,294,309	3.8
Nov	224,558	232,030	3.3	2,435,306	2,526,339	3.1
Dec	230,443	244,162	6.0	2,665,749	2,770,501	3.9
Other Italian						
Jan	58,391	58,377		58,391	58,377	
Feb	53,553	52,548	-1.9	111,944	110,925	-0.9
Mar	63,778	58,656	-8.0	175,722	169,581	-3.5
Apr	57,027	57,429	0.7	232,749	227,010	-2.5
May	55,790	56,869	1.9	288,539	283,879	-1.6
Jun	47,652	51,445	8.0	336,191	335,324	-0.3
Jul	50,904	54,449	7.0	387,095	389,773	0.7
Aug	55,552	55,762	0.4	442,647	445,535	0.7
Sep	49,962	51,664	3.4	492,609	497,199	0.9
Oct	51,287	62,939	22.7	543,896	560,138	3.0
Nov	58,554	62,731	7.1	602,450	622,869	3.4
Dec	60,073	62,938	4.8	662,523	685,807	3.5

See footnote(s) at end of table.

Decdust		By Month			Cumulative	
Product and Month	2001	2002	Change From 2001	2001	2002	Change From 2001
	1,000 Pounds	1,000 Pounds	Percent	1,000 Pounds	1,000 Pounds	Percent
Butter						
Jan	127,356	140,687	10.5	127,356	140,687	10.5
Feb	111,809	125,352	12.1	239,165	266,039	11.2
Mar	111,374	128,966	15.8	350,539	395,005	12.7
Apr	108,975	132,406	21.5	459,514	527,411	14.8
May	111,001	126,533	14.0	570,515	653,944	14.6
Jun	86,783	96,905	11.7	657,298	750,849	14.2
Jul	84,210	93,975	11.6	741,508	844,824	13.9
Aug	75,557	88,512	17.1	817,065	933,336	14.2
Sep	86,721	92,264	6.4	903,786	1,025,600	13.5
Oct	109,911	102,084	-7.1	1,013,697	1,127,684	11.2
Nov	100,079	104,221	4.1	1,113,776	1,231,905	10.6
Dec	123,025	126,987	3.2	1,236,801	1,358,892	9.9
Nonfat Dry Milk,						
Human	440.000	440.00	0.7	440.500	440.00	
Jan	118,299	118,892	0.5	118,299	118,892	0.5
Feb	119,068	125,838	5.7	237,367	244,730	3.1
Mar	121,080	147,761	22.0	358,447	392,491	9.5
Apr	131,695	158,291	20.2	490,142	550,782	12.4
May	140,423	158,062	12.6	630,565	708,844	12.4
Jun	131,455	147,643	12.3	762,020	856,487	12.4
Jul	117,452	123,733	5.3	879,472	980,220	11.5
Aug	96,127	114,408	19.0	975,599	1,094,628	12.2
Sep	94,396	93,763	-0.7	1,069,995	1,188,391	11.1
Oct	105,788	99,746	-5.7	1,175,783	1,288,137	9.6
Nov	107,211	96,075	-10.4	1,282,994	1,384,212	7.9
Dec	130,805	127,491	-2.5	1,413,799	1,511,703	6.9
Total Dry Whey <sup>2</sup>						
Jan	88,994	90,205	1.4	88,994	90,205	1.4
Feb	84,053	85,878	2.2	173,047	176,083	1.8
Mar	93,241	96,495	3.5	266,288	272,578	2.4
Apr	89,600	93,981	4.9	355,888	366,559	3.0
May	94,120	98,373	4.5	450,008	464,932	3.3
Jun	91,432	93,814	2.6	541,440	558,746	3.2
Jul	92,044	93,607	1.7	633,484	652,353	3.0
Aug	83,119	93,862	12.9	716,603	746,215	4.1
Sep	76,322	89,970	17.9	792,925	836,185	5.5
Oct	79,617	93,165	17.0	872,542	929,350	6.5
Nov	82,295	91,599	11.3	954,837	1,020,949	6.9
Dec	90,955	96,965	6.6	1,045,792	1,117,914	6.9

See footnote(s) at end of table.

Dec -14		By Month			Cumulative	
Product and Month	2001	2002	Change From 2001	2001	2002	Change From 2001
	1,000 Pounds	1,000 Pounds	Percent	1,000 Pounds	1,000 Pounds	Percent
Cream Cottage						
Cheese						
Jan	31,088	29,765	-4.3	31,088	29,765	-4.3
Feb	28,137	28,788	2.3	59,225	58,553	-1.1
Mar	32,915	31,520	-4.2	92,140	90,073	-2.2
Apr	29,684	30,502	2.8	121,824	120,575	-1.0
May	33,883	32,554	-3.9	155,707	153,129	-1.7
Jun	31,283	30,388	-2.9	186,990	183,517	-1.9
Jul	32,521	32,100	-1.3	219,511	215,617	-1.8
Aug	33,575	33,145	-1.3	253,086	248,762	-1.7
Sep	29,825	31,651	6.1	282,911	280,413	-0.9
Oct	31,324	31,595	0.9	314,235	312,008	-0.7
Nov	29,778	27,270	-8.4	344,013	339,278	-1.4
Dec	27,512	27,993	1.7	371,525	367,271	-1.1
Lowfat Cottage						
Cheese						
Jan	30,262	29,609	-2.2	30,262	29,609	-2.2
Feb	28,858	30,006	4.0	59,120	59,615	0.0
Mar	32,994	32,509	-1.5	92,114	92,124	
Apr	29,825	30,524	2.3	121,939	122,648	0.6
May	35,011	34,477	-1.5	156,950	157,125	0.1
Jun	30,705	29,559	-3.7	187,655	186,684	-0.5
Jul	31,387	34,416	9.7	219,042	221,100	0.9
Aug	35,659	34,922	-2.1	254,701	256,022	0.5
Sep	29,764	31,669	6.4	284,465	287,691	1.1
Oct	31,192	32,633	4.6	315,657	320,324	1.5
Nov	28,402	27,202	-4.2	344,059	347,526	1.0
Dec	26,825	28,240	5.3	370,884	375,766	1.3
	1,000 Gallons	1,000 Gallons	Percent	1,000 Gallons	1,000 Gallons	Percent
Ice Cream, Hard						
Jan	67,446	70,004	3.8	67,446	70,004	3.8
Feb	67,583	71,034	5.1	135,029	141,038	4.5
Mar	77,071	76,680	-0.5	212,100	217,718	2.6
Apr	78,501	80,214	2.2	290,601	297,932	2.5
May	80,467	76,953	-4.4	371,068	374,885	1.0
Jun	84,752	81,127	-4.3	455,820	456,012	
Jul	82,043	82,404	0.4	537,863	538,416	0.1
Aug	79,827	78,039	-2.2	617,690	616,455	-0.2
Sep	70,197	70,281	0.1	687,887	686,736	-0.2
Oct	67,595	70,472	4.3	755,482	757,208	0.2
Nov	59,123	59,152	1.5	814,605	816,360	0.2
Dec	54,548	58,314	6.9	869,153	874,674	0.6
See footnote(s) at end		30,311	0.7	557,155	071,071	continue

See footnote(s) at end of table.

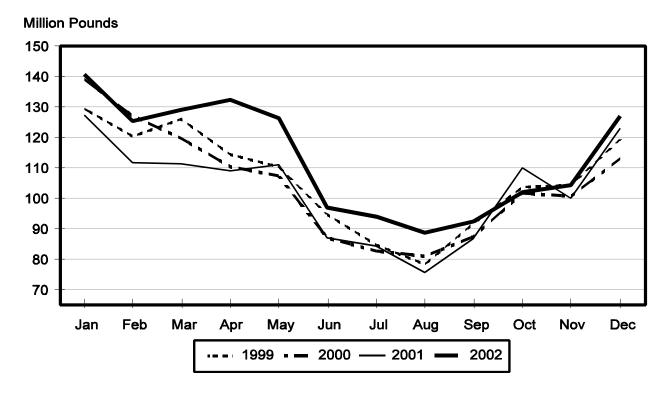
Duadanat		By Month			Cumulative	
Product and Month	2001	2002	Change From 2001	2001	2002	Change From 2001
	1,000 Gallons	1,000 Gallons	Percent	1,000 Gallons	1,000 Gallons	Percent
Ice Cream, Lowfat						
Jan	26,825	22,119	-17.5	26,825	22,119	-17.5
Feb	27,510	24,976	-9.2	54,335	47,095	-13.3
Mar	35,206	31,620	-10.2	89,541	78,715	-12.1
Apr	36,974	36,060	-2.5	126,515	114,775	-9.3
May	41,675	38,960	-6.5	168,190	153,735	-8.6
Jun	43,893	39,773	-9.4	212,083	193,508	-8.8
Jul	41,495	39,421	-5.0	253,578	232,929	-8.1
Aug	39,978	36,811	-7.9	293,556	269,740	-8.1
Sep	31,511	31,353	-0.5	325,067	301,093	-7.4
Oct	30,776	28,820	-6.4	355,843	329,913	-7.3
Nov	25,239	21,906	-13.2	381,082	351,819	-7.7
Dec	25,664	24,082	-6.2	406,746	375,901	-7.6
Ice Cream, NF, Hard						
Jan	1,369	2,074	51.5	1,369	2,074	51.5
Feb	1,451	1,610	11.0	2,820	3,684	30.6
Mar	1,712	2,034	18.8	4,532	5,718	26.2
Apr	1,558	1,561	0.2	6,090	7,279	19.5
May	1,789	1,543	-13.8	7,879	8,822	12.0
Jun	2,082	1,415	-32.0	9,961	10,237	2.8
Jul	1,655	1,500	-9.4	11,616	11,737	1.0
Aug	1,835	1,462	-20.3	13,451	13,199	-1.9
Sep	1,694	1,406	-17.0	15,145	14,605	-3.6
Oct	1,490	1,574	5.6	16,635	16,179	-2.7
Nov	1,333	1,479	11.0	17,968	17,658	-1.7
Dec	1,204	1,153	-4.2	19,172	18,811	-1.9
Sherbet, Hard						
Jan	3,552	3,796	6.9	3,552	3,796	6.9
Feb	3,858	4,050	5.0	7,410	7,846	5.9
Mar	4,494	4,786	6.5	11,904	12,632	6.1
Apr	4,227	5,127	21.3	16,131	17,759	10.1
May	5,150	5,417	5.2	21,281	23,176	8.9
Jun	5,310	5,475	3.1	26,591	28,651	7.7
Jul	5,037	5,531	9.8	31,628	34,182	8.1
Aug	4,654	5,094	9.5	36,282	39,276	8.3
Sep	3,731	4,135	10.8	40,013	43,411	8.5
Oct	3,575	4,274	19.6	43,588	47,685	9.4
Nov	3,010	3,062	1.7	46,598	50,747	8.9
Dec	2,870	3,391	18.2	49,468	54,138	9.4

See footnote(s) at end of table.

Product		By Month		Cumulative			
and Month	2001	2002	Change From 2001	2001	2002	Change From 2001	
-	1,000 Gallons	1,000 Gallons	Percent	1,000 Gallons	1,000 Gallons	Percent	
Frozen Yogurt							
Jan	6,516	5,976	-8.3	6,516	5,976	-8.3	
Feb	5,939	6,348	6.9	12,455	12,324	-1.1	
Mar	7,388	6,900	-6.6	19,843	19,224	-3.1	
Apr	6,970	6,878	-1.3	26,813	26,102	-2.7	
May	7,886	7,443	-5.6	34,699	33,545	-3.3	
Jun	7,755	6,985	-9.9	42,454	40,530	-4.5	
Jul	7,370	7,536	2.3	49,824	48,066	-3.5	
Aug	8,067	7,031	-12.8	57,891	55,097	-4.8	
Sep	5,895	6,715	13.9	63,786	61,812	-3.1	
Oct	5,887	6,346	7.8	69,673	68,158	-2.2	
Nov	5,329	5,530	3.8	75,002	73,688	-1.8	
Dec	4,597	5,105	11.1	79,599	78,793	-1.0	

<sup>&</sup>lt;sup>1</sup> November 2002 data revised.

# Total Butter Production United States



<sup>&</sup>lt;sup>2</sup> Excludes all modified dry whey products.

<sup>&</sup>lt;sup>3</sup> Preliminary revisions for Mozzarella cheese for January through September 2002. Revisions to Mozzarella cheese are reflected in Italian cheese and Total cheese numbers. Annual revisions will be published in April 2003.

### Total Cheese, Excluding Cottage Cheese: Production by State and United States, December 2001-2002

	Dag	Nov <sup>1</sup>	Dag	Change	From
State	Dec 2001	2002	Dec 2002	Dec	Nov
	2001	2002	2002	2001	2002
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
CA	139,310	143,954	146,370	5.1	1.7
ID	51,273	55,667	51,370	0.2	-7.7
IL	8,363	8,322	8,204	-1.9	-1.4
IA	20,758	23,485	21,760	4.8	-7.3
MA	89	68	81	-9.0	19.1
MN	52,879	47,413	51,454	-2.7	8.5
MO	7,879	9,141	7,603	-3.5	-16.8
NY	57,820	67,535	63,296	9.5	-6.3
ОН	13,345	13,760	14,106	5.7	2.5
PA	33,900	29,978	32,613	-3.8	8.8
SD	12,737	13,016	13,434	5.5	3.2
UT	4,470	4,517	6,241	39.6	38.2
WA	13,019	13,103	13,321	2.3	1.7
WI	181,165	177,113	183,900	1.5	3.8
Oth Sts <sup>2</sup>	106,083	105,816	117,769	11.0	11.3
US	703,090	712,888	731,522	4.0	2.6
N Atlantic	107,057	111,610	112,275	4.9	0.6
S Atlantic	2,648	2,913	2,513	-5.1	-13.7
E N Central	216,871	212,128	222,343	2.5	4.8
W N Central	103,550	102,033	103,726	0.2	1.7
S Central	5,431	7,210	7,724	42.2	7.1
West	267,533	276,994	282,941	5.8	2.1

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

American Cheese: Production by State and United States, December 2001-2002

	Dec	Nov <sup>1</sup>	Dag	Change From		
State	2001	2002	Dec 2002	Dec 2001	Nov 2002	
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent	
CA	64,221	64,662	68,420	6.5	5.8	
ID	41,086	38,270	37,279	-9.3	-2.6	
IA	11,085	11,164	12,012	8.4	7.6	
MN	50,627	46,314	49,348	-2.5	6.6	
NY	8,780	5,478	7,564	-13.8	38.1	
OH	3,470	2,494	2,820	-18.7	13.1	
OR	7,328	7,834	7,527	2.7	-3.9	
SD	6,408	6,409	6,639	3.6	3.6	
WA	12,649	13,077	13,299	5.1	1.7	
WI	72,769	67,990	73,000	0.3	7.4	
Oth Sts <sup>2</sup>	33,806	28,073	34,169	1.1	21.7	
US	312,229	291,765	312,077		7.0	
Atlantic	14,465	9,534	12,994	-10.2	36.3	
E N Central	77,437	71,727	77,261	-0.2	7.7	
W N Central	69,832	64,906	69,532	-0.4	7.1	
S Central	5,108	3,957	4,982	-2.5	25.9	
West	145,387	141,641	147,308	1.3	4.0	

<sup>&</sup>lt;sup>1</sup> Revised.

Cheddar Cheese: Production by State and United States, December 2001-2002

		•	,		
	Des	Nov <sup>1</sup>	Des	Change From	
State	Dec 2001	2002	Dec 2002	Dec	Nov
	2001	2002	2002	2001	2002
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
CA	46,071	45,610	48,856	6.0	7.1
ID	19,873	15,191	14,784	-25.6	-2.7
MN	47,201	43,702	46,348	-1.8	6.1
NY	8,727	5,359	7,478	-14.3	39.5
SD	3,204	3,953	4,478	39.8	13.3
WA	10,304	10,947	10,918	6.0	-0.3
WI	57,861	53,900	58,100	0.4	7.8
Oth Sts <sup>2</sup>	46,457	39,362	45,551	-2.0	15.7
US	239,698	218,024	236,513	-1.3	8.5
Atlantic	13,895	9,266	12,741	-8.3	37.5
E N Cen	60,678	55,788	59,976	-1.2	7.5
W N Cen	57,870	54,220	58,754	1.5	8.4
S Cen	5,098	3,957	4,977	-2.4	25.8
West	102,157	94,793	100,065	-2.0	5.6

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Mozzarella Cheese: Production by State and United States, December 2001-2002

	Dag	Nov 1	Dag	Change From	
State	Dec 2001	2002	Dec 2002	Dec 2001	Nov 2002
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent
CA	55,802	61,936	59,833	7.2	-3.4
NY	18,013	16,600	17,570	-2.5	5.8
WI	63,012	59,400	62,500	-0.8	5.2
Oth Sts <sup>2</sup>	93,616	94,094	104,259	11.4	10.8
US	230,443	232,030	244,162	6.0	5.2
Atlantic <sup>3</sup>	44,617	38,707	43,619	-2.2	12.7
E N Central	75,867	71,062	77,105	1.6	8.5
West	93,826	105,507	106,981	14.0	1.4

<sup>&</sup>lt;sup>1</sup> Revised.

Butter: Production by State and United States, December 2001-2002

State	Dec	Nov <sup>1</sup>	Dag	Change From		
	2001	2002	Dec 2002	Dec 2001	Nov 2002	
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent	
CA	35,812	28,794	35,838	0.1	24.5	
NY	2,481	1,777	2,664	7.4	49.9	
PA	7,015	6,062	6,965	-0.7	14.9	
WA	7,884	7,866	8,967	13.7	14.0	
WI	32,443	28,371	32,210	-0.7	13.5	
Oth Sts <sup>2</sup>	37,390	31,351	40,343	7.9	28.7	
US	123,025	104,221	126,987	3.2	21.8	
N Atlantic <sup>3</sup>	13,488	10,413	13,236	-1.9	27.1	
E N Central	37,621	32,664	37,281	-0.9	14.1	
W N Central	10,882	7,858	10,794	-0.8	37.4	
West	49,168	42,331	50,624	3.0	19.6	

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

<sup>&</sup>lt;sup>3</sup> Region totals may not add to U.S. when compiled regions could not be disclosed.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

<sup>&</sup>lt;sup>3</sup> Region totals may not add to U.S. when compiled regions could not be disclosed.

## Nonfat Dry Milk, Human: Production by State and United States, December 2001-2002

State	Dec	Nov <sup>1</sup>	Dec	Change From		
	2001	2002	2002	Dec 2001	Nov 2002	
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent	
CA	63,575	52,652	61,373	-3.5	16.6	
ID	8,585	4,796	5,296	-38.3	10.4	
WA	14,883	13,524	15,700	5.5	16.1	
Oth Sts <sup>2</sup>	43,762	25,103	45,122	3.1	79.7	
US	130,805	96,075	127,491	-2.5	32.7	
Atlantic	16,026	6,253	12,947	-19.2	107.1	
E N Central	5,317	2,481	6,270	17.9	152.7	
W N Central	6,652	5,268	7,161	7.7	35.9	
S Central	6,383	3,509	6,183	-3.1	76.2	
West	96,427	78,564	94,930	-1.6	20.8	

<sup>&</sup>lt;sup>1</sup> Revised.

## Dry Whey, Human: Production by State and United States, December 2001-2002

State	Dee	Nov <sup>1</sup>	Dee	Change From		
	Dec 2001	2002	Dec 2002	Dec 2001	Nov 2002	
	1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent	
CA	11,522	13,280	13,229	14.8	-0.4	
MN	6,054	6,883	7,011	15.8	1.9	
NY	9,847	8,609	8,892	-9.7	3.3	
PA	8,687	8,133	9,809	12.9	20.6	
WA	7,423	8,083	8,121	9.4	0.5	
WI	26,642	25,819	26,967	1.2	4.4	
Oth Sts <sup>2</sup>	15,457	15,146	16,406	6.1	8.3	
US	85,632	85,953	90,435	5.6	5.2	
Atlantic	18,534	16,742	18,701	0.9	11.7	
Central	44,304	43,782	45,810	3.4	4.6	
West	22,794	25,429	25,924	13.7	1.9	

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

Ice Cream, Hard: Production by State and United States, December 2001-2002

State	Dec	Nov <sup>1</sup>	Dec	Change From		
	2001	2002	2002	Dec 2001	Nov 2002	
	1,000 Gallons	1,000 Gallons	1,000 Gallons	Percent	Percent	
CA	6,371	7,428	10,145	59.2	36.6	
FL	1,419	1,750	1,800	26.8	2.9	
IL	2,139	2,217	2,272	6.2	2.5	
IN	6,298	5,300	5,559	-11.7	4.9	
MD	783	932	589	-24.8	-36.8	
MA	4,622	4,222	3,611	-21.9	-14.5	
MI	1,406	1,308	1,562	11.1	19.4	
MN	1,857	3,020	2,453	32.1	-18.8	
NH	6	7	6		-14.3	
NY	1,753	2,200	1,900	8.4	-13.6	
NC	984	1,076	981	-0.3	-8.8	
OH	2,464	2,034	2,606	5.8	28.1	
OR	614	780	670	9.1	-14.1	
PA	2,980	3,131	2,997	0.6	-4.3	
SD	3	2	3		50.0	
TN	1,257	1,300	1,095	-12.9	-15.8	
TX	3,769	4,080	3,705	-1.7	-9.2	
UT	1,059	960	1,095	3.4	14.1	
WA	982	793	812	-17.3	2.4	
Oth Sts <sup>2</sup>	13,782	16,612	14,453	4.9	-13.0	
US	54,548	59,152	58,314	6.9	-1.4	
N Atlantic	11,192	11,707	10,035	-10.3	-14.3	
S Atlantic	3,872	5,047	4,806	24.1	-4.8	
E N Central	12,894	11,514	12,552	-2.7	9.0	
W N Central	8,106	10,443	8,986	10.9	-14.0	
S Central	7,612	8,083	7,441	-2.2	-7.9	
West	10,872	12,358	14,494	33.3	17.3	

<sup>&</sup>lt;sup>1</sup> Revised.

<sup>&</sup>lt;sup>2</sup> States not shown when fewer than 3 plants reported or individual plant operations could be disclosed. Percent change shown only when comparable States are included in the calculation.

## Canned Milk and Dry Milk Products: Manufacturers' Shipments, Stocks, and Selling Prices, December, 2001-2002

Dec Nov 2001 2002 1	Dag	Change From					
			Dec	Nov			
		2002	2001	2002			
Manufacturers' Shipments <sup>2</sup>							
1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent			
129,522	107,961	118,332	-8.6	9.6			
Manufacturers' Stocks End-of-Month <sup>3</sup>							
1,000 Pounds	1,000 Pounds	1,000 Pounds	Percent	Percent			
40,264	54,691	52,913	31.4	-3.3			
124,458	87,145	98,701	-20.7	13.3			
7,671	6,548	7,339	-4.3	12.1			
	1,000 Pounds 129,522 1,000 Pounds 40,264 124,458	2001 2002 <sup>1</sup> Manufact  1,000 Pounds 1,000 Pounds  129,522 107,961  Manufacturers  1,000 Pounds 1,000 Pounds  40,264 54,691 124,458 87,145	2001   2002   2002	Dec 2001         Nov 2002 1         Dec 2002         Dec 2001           Manufacturers' Shipments 2           1,000 Pounds         1,000 Pounds         1,000 Pounds         Percent 129,522           107,961         118,332         -8.6           Manufacturers' Stocks End-of-Month 3           1,000 Pounds         1,000 Pounds         Percent           40,264         54,691         52,913         31.4           124,458         87,145         98,701         -20.7			

<sup>&</sup>lt;sup>1</sup> Revised.
<sup>2</sup> For dry products, shipments of bulk goods only.
<sup>3</sup> Stocks held by manufacturers at all points and in transit.

**Procedures and Reliability**: Estimates included in this report are based on data provided each month by manufacturers of these products. In 32 States, the State Departments of Agriculture assist in collection of data, which eliminates duplicate reporting and reduces respondent burden. Data are collected by mail, personal and telephone interviews following the close of each month. There were 1,165 manufacturers that made one or more products in 2001. Each month, reports are generally received from all dairy plants in States with small numbers of plants. In States with large numbers of plants, survey procedures are designed to obtain monthly reports from all large plants and from a sample of small plants. Monthly estimates are based upon returns from about 70 percent of the plants which account for 70 to 90 percent of the total production of major dairy products.

**Revision Policy**: Monthly estimates are subject to revision the month following the preliminary estimates. Annual estimates are published in the "**Dairy Products**" report published each April which includes any revisions made to current and previous year. In preparing the annual report, an attempt is made to get information from all plants.

The next "Dairy Products" report will be released at 3 p.m. ET on March 4, 2003.

The United States Department of Agriculture (USDA) prohibits discrimination in all its programs on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 1400 Independence Avenue, SW, Washington, D.C., 20250-9410, or call 202-720-5964 (voice or TDD). USDA is an equal opportunity provider and employer.

### **ACCESS TO REPORTS!!**

For your convenience, there are several ways to obtain NASS reports, data products, and services:

### **INTERNET ACCESS**

All NASS reports are available free of charge on the worldwide Internet. For access, connect to the Internet and go to the NASS Home Page at: http://www.usda.gov/nass/. Select "Today's Reports" or Publications and then Reports Calendar or Publications and then Search, by Title or Subject.

### E-MAIL SUBSCRIPTION

All NASS reports are available by subscription free of charge direct to your e-mail address. Starting with the NASS Home Page at <a href="http://www.usda.gov/nass/">http://www.usda.gov/nass/</a>, click on <a href="Publications">Publications</a>, then click on the <a href="Subscribe by E-mail">Subscribe by E-mail</a> button which takes you to the page describing e-mail delivery of reports. Finally, click on <a href="Go to the Subscription Page">Go to the Subscription Page</a> and follow the instructions.

### **AUTOFAX ACCESS**

NASSFax service is available for some reports from your fax machine. Please call 202-720-2000, using the handset attached to your fax. Respond to the voice prompts. Document 0411 is a list of available reports.

## PRINTED REPORTS OR DATA PRODUCTS

CALL OUR TOLL-FREE ORDER DESK: 800-999-6779 (U.S. and Canada)
Other areas, please call 703-605-6220 FAX: 703-605-6900
(Visa, MasterCard, check, or money order acceptable for payment.)

### **ASSISTANCE**

For **assistance** with general agricultural statistics or further information about NASS or its products or services, contact the **Agricultural Statistics Hotline** at **800-727-9540**, 7:30 a.m. to 4:00 p.m. ET, or e-mail: **nass@nass.usda.gov.**